J. W. BARTON.

Combined Water-Reservoir and Stove-Pipe Shelf.

No. 204,942. Patented June 18, 1878.

Fig. 1.

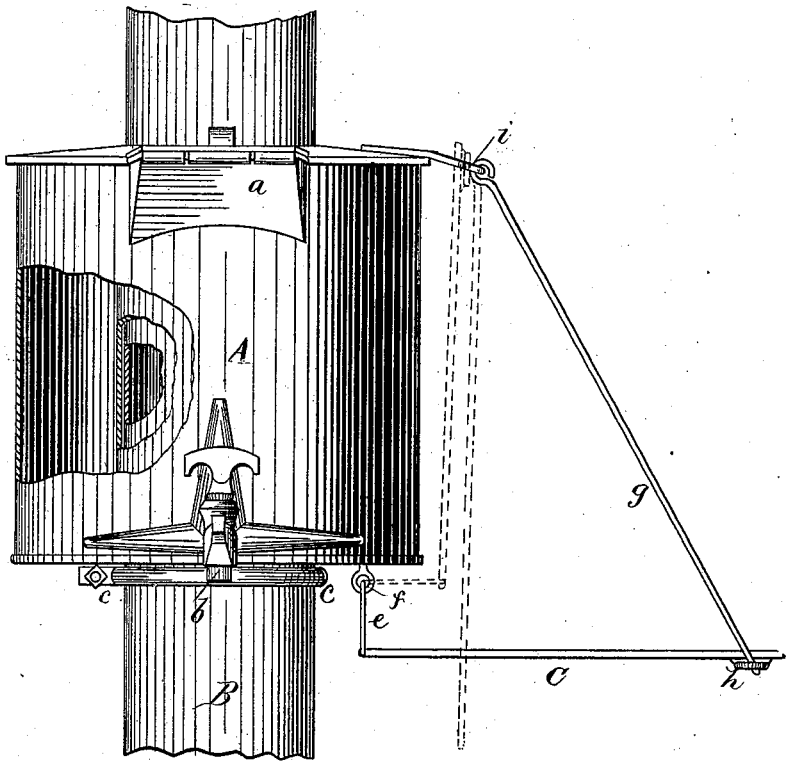
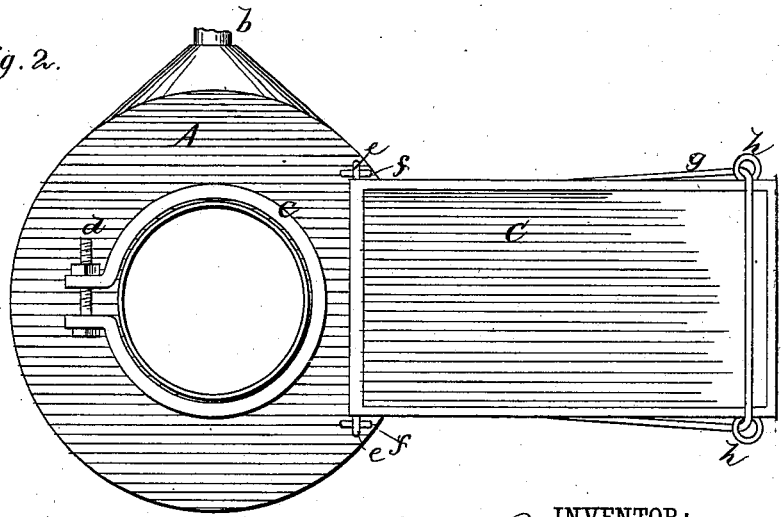


Fig. 2.



WITNESSES:

Henry N. Miller

C. Sedgwick

INVENTOR:

J. W. Barton

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN W. BARTON, OF EMPORIA, KANSAS.

IMPROVEMENT IN COMBINED WATER-RESERVOIR AND STOVE-PIPE SHELF.

Specification forming part of Letters Patent No. **204,942**, dated June 18, 1878; application filed March 11, 1878.

To all whom it may concern:

Be it known that I, JOHN W. BARTON, of Emporia, in the county of Lyon and State of Kansas, have invented a new and Improved Combined Water-Reservoir and Stove-Pipe Shelf, of which the following is a specification:

Figure 1 is a side elevation, partly in section. Fig. 2 is an inverted plan view.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide a cheap and convenient water-reservoir, to be attached to the stove-pipe, and to furnish a shelf for holding articles over the stove to keep them warm.

Referring to the drawing, A is an annular reservoir, having sufficient internal diameter to receive the stove-pipe B, by which it is supported. There is a covered filling-spout, *a*, at the top of the reservoir, and below it, at the bottom of the reservoir, there is a faucet, *b*, for drawing out the hot water.

The reservoir is supported on the stove-pipe by the split band *c*, whose ends are drawn together by the tangent screw or bolt *d*, so as to clamp the stove-pipe with sufficient force to sustain the reservoir and the water contained by it.

A shelf, C, is suspended by rods *e* from eyes *f*, that project from the bottom of the reservoir. Its outer end is suspended from the top of the reservoir by the rod *g*, which is bent twice at right angles, and extends along the under side of the shelf and upward through eyes *h*, formed on the edges of the shelf, to eyes *i* at the top of the reservoir.

When the shelf is in use, it is let down horizontally; but when not in use it may be folded up against the reservoir, as shown in the dotted lines in Fig. 1, the rod *e* sliding through the eyes *h* as the shelf is raised.

The reservoir may be made of any suitable material, such as copper, galvanized iron, cast-iron, &c., and it may be made of any required diameter and height.

The water in the reservoir is warmed without expenditure of extra fuel, and the space occupied by the reservoir is not available for other uses.

The reservoir is loose enough on the stove-pipe to allow the reservoir and shelf to turn upon the stove-pipe, so water can be taken from either side of the stove, and in case the articles should get too hot upon the shelf it can be turned to either side from over the stove.

I am aware that it is not broadly new to use an annular water-heater on a stove-pipe, or to secure a shelf on a pipe by a clamp and screw; but

What I claim is—

The combination, with an annular stove-pipe water-heater, A, of a shelf, C, suspended by rods *e g* and eyes *f h i*, arranged as and for the purpose specified.

JOHN W. BARTON.

Witnesses:

JAS. D. HOLDEN,

D. W. EASTMAN.